



**ACCELERATING  
INNOVATION  
IN THE CLOUD**

**Manage your HPC  
infrastructure with  
unprecedented ease  
and accuracy**

**Reach highest  
job throughput  
in complex  
HPC environments**

**Make hybrid  
and multi cloud HPC  
environments work  
for you**

**Optimize the  
utilization of your  
software assets  
and save**



# Workload Management

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## Altair PBS Professional™

### Altair's industry-leading workload manager and job scheduler for high-performance computing (HPC) environments

Altair PBS Professional is a fast, powerful workload manager designed to improve productivity, optimize utilization & efficiency, and simplify administration for HPC clusters, clouds and supercomputers.

## Altair Accelerator™

### Industry's fastest enterprise job scheduler with event-driven architecture for highest throughput and high-performance scheduling

Altair Accelerator is an enterprise grade job scheduler designed for distributed HPC environments. It is capable of managing compute infrastructures from small dedicated server farms to complex distributed HPC environments.

## Altair Accelerator Plus™

### A hierarchical scheduler with 6-10X higher throughput architected to off-load the base scheduler

This enables greater throughput, better license and resource utilization, and more flexible scheduler usage models.

**Altair really knows HPC – they understand the challenges of maintaining complex systems and know how to deliver reliable solutions that work.**

DR. BEN EVANS  
ASSOCIATE DIRECTOR, NCI

# Easy Access and Control

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## Altair Access™

**A portal for engineers and researchers that provides a simple, powerful, and consistent interface for submitting and monitoring jobs on remote clusters, clouds, or other resources**

The Altair Access remote visualization and collaboration capabilities bring access to an expensive, high-end 3D visualization datacenter hardware right to the user via desktop and mobile.

## Altair Control™

**An HPC administrators control center for managing, optimizing, and forecasting HPC resources on premises and in the cloud**

Altair Control is an easy-to-use web application for monitoring and managing jobs and nodes in an HPC environment with seamless cloud bursting capabilities and advanced analytics to support data-driven planning and decision making.

# Resource & Dependency Management

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## Altair FlowTracer™

**An advanced mission critical dependency management platform for developing and executing flows**

Altair FlowTracer includes tracing techniques to analyzes flows, identify dependencies and inherent parallelism built into today's complex flows optimizing use of compute resources.

## Altair Hero™

**Industry's only end-to-end hardware emulation enterprise job scheduler designed specifically for hardware emulation environments**

Altair Hero is a vendor independent solution that addresses all aspects of emulation flow, including Design Compilation, Emulator Selection, and Software and Regressions Tests.

# License Monitoring and Management

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## Altair Monitor™

### A real-time software license monitoring and management tool

Altair License Monitor is a software license-tracking tool providing real time and historical software license utilization for multi-site environments for accurate planning and license cost optimization.

## Altair Allocator™

### A multi-site license allocation and management tool enabling maximized license usage through sharing

Altair Allocator enables the sharing of software licenses among multiple job scheduling servers spread across multiple geographical sites and/or business units enabling increased software license utilization.

## Altair SAO™

### Visualize, analyze and optimize the utilization of enterprise-wide software licenses from anywhere

Altair SAO enables visualization and analysis of global software inventories and utilization rates across facilities, divisions, departments and users.



## About Altair (Nasdaq: ALTR)

Altair transforms design and decision making by applying simulation, machine learning and optimization throughout product lifecycles. Our broad portfolio of simulation technology and patented units-based software licensing model enable Simulation-Driven Innovation™ for our customers. With more than 2,000 employees, Altair is headquartered in Troy, Michigan, USA and operates 71 offices throughout 24 countries. Altair serves more than 5,000 customers across broad industry segments.

To learn more, please visit [altair.com](http://altair.com).

## About Altair PBS Works™

Altair PBS Works™ is the market leader in comprehensive, secure workload management for high-performance computing (HPC) and cloud environments. This market-leading workload management suite allows HPC users to simplify their environment while optimizing system utilization, improving application performance, and improving ROI on hardware and software investments. Altair PBS Works is the preferred solution for many of the planet's largest, most complex clusters and supercomputers – and is the choice for smaller organizations needing HPC solutions that are easy to adopt and use.

To learn more, please visit [pbsworks.com](http://pbsworks.com).